

TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Portage Hwy 12

Site Abbreviation PTG

Deployment No. 21

Field Deployment and Recovery

Field Deployment Technician Name CdeRensburg Setup Date/Time 9:10

Sample Run Date 8/4/21 Flow Conditions should be STD. Flow Rate should be 225 liters/min.

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☒ Green power light should start to blink;
- ☒ Timer countdown should start indicating when sampling run will commence;
- ☒ Status on main screen should change to "Waiting".

8/5/2021 [KMH 8/26/21]

Field Recovery Technician Name Kate Haul Recovery Date/Time 09:20 CHT

Q _{Std} Avg Flow (liters/min)	<u>225</u>	Actual Start Date/Time	<u>8/4/21</u>
CV	<u>0.22</u>	Actual Stop Date/Time	<u>8/5/21</u>
Q _{Std} Volume (m ³)	<u>323.32</u>	T _{amb} Avg (°C)	<u>23.5</u>
Elapsed Time (HH:MM)	<u>24:06</u>	P _{amb} Avg (mmHg)	<u>740</u>
Flags? Expected flags: Completed, Q _{Std}	<u>NO</u>		

Sample Status: VALID VOID (circle one) VOID Reason: _____

Site Observations

Run Day Temperatures: High 81 Low 55 Source: weather channel

Run Day Precipitation: 0

Run Day Wind/Wind Direction: N/NE (calm)

Run Day Sky Cover: few

Unusual Events? (fires, major storms, construction, etc.): no

Maintenance

Check all that apply.

Weekly Checks:

- ☒ Power cords/plugs ok?
- ☒ Gaskets ok?
- ☒ Shelter ok?
- ☒ Tubing ok?
- ☒ Timer ok?
- ☒ Debris removed?

Monthly Checks: (after 5th sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within $\pm 2^{\circ}\text{C}$ of transfer standard?
- ☐ Pressure sensor within ± 10 mmHg of transfer standard?
- ☐ One-point flow verification within $\pm 10\%$ of $Q_{\text{Std PUFPLUS}} (0.225 \frac{\text{m}^3}{\text{min}})$?

Maintenance Notes: